WHAT IS CLAIMED IS:

1	1. A method of committing a transaction to a database, the method
2	comprising:
3	initiating a database transaction;
4	creating an electronic record that includes transaction data from the
5	database transaction;
6	executing a rule associated with the record to determine whether an
7	electronic signature is required to connote review and/or approval of the electronic
8	record, wherein if execution of the rule results in a determination that an electronic
9	signature is required, requesting the electronic signature prior to committing the
10	transaction to the database.
1	2. The method of claim 1 wherein the electronic record comprises
2	data generated from multiple tables of the database.
۷	data generated from muniple tables of the database.
1	3. The method of claim 1 wherein the electronic record is stored in
2	a common repository of electronic records that provides an audit trail that cannot be
3	altered or disabled by users of the database.
1	4. The method of claim 1 wherein the electronic record is stored as
2	unstructured data in a character large object (CLOB) format.
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1	5. The method of claim 4 wherein the unstructured data comprises a
2	well-formed XML document stored within a column of a database table.
1	6. The method of claim 5 wherein XML fields of the unstructured
2	data are filled with the transaction data based on a predefined mapping of a data type
3	definition to multiple data sources.
1	7. The mosthed of claims 1 fouther communicing the step of if
1	7. The method of claim 1 further comprising the step of, if
2	execution of the rule results in a determination that an electronic signature is required,
3	displaying at least some of the transaction data in the electronic record on a computer
4	display and requesting the electronic signature.
1	8. The method of claim 7 wherein the transaction data in the
2	electronic record is displayed according to a predefined layout set forth in an XSL style

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record as displayed in a second column of the database table. 4 9. The method of claim 1 further comprising obtaining and 1 2 verifying the electronic signature, and thereafter, committing the database transaction to 3 the database. 10. The method of claim 1 wherein the rule requires a plurality of 1 different electronic signatures and wherein, if execution of the rule results in a 2 3 determination that a plurality of electronic signatures are required, requesting the plurality of electronic signatures prior to committing the data to the database. 4 5 11. The method of claim 9 wherein, if the electronic signature is 6 rejected or otherwise cannot be obtained, the transaction is rolled-back and not 7 committed to the database. A computer system that manages electronic records stored in a 1 12. 2 database, the computer system comprising: 3 a processor; 4 a database; and 5 a computer-readable memory coupled to the processor, the computer-6 readable memory configured to store a computer program; wherein the processor is operative with the computer program to: 7 8 (i) initiate a database transaction; (ii) create an electronic record that includes transaction data from the 9 10 database transaction; and execute a rule associated with the record to determine whether an 11 electronic signature is required to connote review and/or approval of the electronic 12 record, wherein if execution of the rule results in a determination that an electronic 13 signature is required, requesting the electronic signature prior to committing the 14 15 transaction to the database. The computer system of claim 12 wherein the electronic record 1 13. 2 comprises data generated from multiple tables of the database.

sheet and wherein the unstructured data further comprises a copy of the electronic

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1	14. The computer system of claim 12 wherein the electronic record
2	is stored in a common repository of electronic records that provides an audit trail that
3	cannot be altered or disabled by users of the system.
1	15. The computer system of claim 12 wherein the electronic record
2	comprises unstructured data in a character large object (CLOB) format.
۷	comprises unstructured data in a character large coject (CLOD) format.
1	16. The computer system of claim 15 wherein the unstructured data
2	comprises a well-formed XML document stored within a column of a table stored in the
3	database
4	17. The computer system of claim 16 wherein fields of the electronic
5	record are filled with the transaction data based on a predefined mapping of a data type
6	definition to multiple data sources.
Ü	definition to multiple data sources.
1	18. The computer system of claim 12 further comprising obtaining
2	and verifying the electronic signature, and thereafter, committing the database
3	transaction to the database.
1	19. A computer program stored on a computer-readable storage
2	medium for managing electronic records stored in a database, the computer program
3	comprising:
4	code for initiating a database transaction;
5	code for creating an electronic record that includes transaction data from
6	the database transaction; and
7	code for executing a rule associated with the record to determine
8	whether an electronic signature is required to connote review and/or approval of the
9	electronic record, wherein if execution of the rule results in a determination that an
10	electronic signature is required, requesting the electronic signature prior to committing
11	the transaction to the database.
1	20. The computer program of claim 19 wherein the code for creating
2	an electronic record creates electronic records in response to the occurrence of a
3	predefined event.
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1	21. The computer program of claim 19 wherein the electronic record
2	is stored in a common repository of electronic records that provides an audit trail that
3	cannot be altered or disabled by users of the system.
1	22. The computer program of claim 21 wherein the electronic record
2	comprises unstructured data in a character large object (CLOB) format.
1	23. The computer program of claim 22 wherein the unstructured data
2	comprises a well-formed XML document stored within a column of a table stored in the
3	database.
1	24. The computer program of claim 23 wherein fields of the
2	electronic record are filled with the transaction data based on a predefined mapping of a
3	DTD to multiple data sources.
1	25. The computer program of claim 19 further comprising code for
2	obtaining and verifying the electronic signature, and thereafter, committing the
3	electronic record to the database.
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1	26. A method of committing a transaction to a database, the method
2	comprising:
3	automatically creating an electronic record including transaction data
4	associated with the transaction in response to the occurrence of a predetermined event,
5	wherein the electronic record comprises the transaction data stored as a well-formed
6 7	XML document in a character large-object (CLOB) format of a column of a database
8	table;
9	storing the electronic record in a common repository of electronic records that provides an audit trail that cannot be altered or deleted by users of the
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10 11	executing a rule associated with the electronic record to determine
12	whether an electronic signature is required to connote review and/or approval of the
13	electronic record; and
14	if execution of the rule results in a determination that an electronic
15	signature is required, (i) displaying the transaction data in the electronic record
16	according to a predefined layout set forth in an XSL style sheet associated with the
10	according to a productive layout out form in all ADD style shoot associated with the

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- electronic record and storing a copy of the transaction data as displayed in a character
- large-object (CLOB) format of a second column of the database table and (ii)
- 19 requesting, obtaining and verifying the electronic signature prior to committing the
- 20 transaction into a database.

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